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51  
1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/07/867,819D

DATE: 06/25/2003

TIME: 16:22:09

Input Set : A:\OMRF 114 CIP2. ST25.txt  
Output Set: N:\CRF4\06252003\G867819D.raw

3 <110> APPLICANT: Harley, John  
 5 <120> TITLE OF INVENTION: Methods and Reagents for Diagnosis of Autoantibodies  
 7 <130> FILE REFERENCE: OMRF 114 CIP (2)  
 9 <140> CURRENT APPLICATION NUMBER: 07/867,819D  
 10 <141> CURRENT FILING DATE: 1992-04-13  
 12 <150> PRIOR APPLICATION NUMBER: 07/472,947  
 13 <151> PRIOR FILING DATE: 1990-01-31  
 15 <150> PRIOR APPLICATION NUMBER: 07/648,205  
 16 <151> PRIOR FILING DATE: 1991-01-31  
 18 <160> NUMBER OF SEQ ID NOS: 161  
 20 <170> SOFTWARE: PatentIn version 3.1  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 8  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: homo sapien  
 27 <220> FEATURE:  
 28 <221> NAME/KEY: MISC\_FEATURE  
 29 <222> LOCATION: (1)..(8)  
 30 <223> OTHER INFORMATION: Binding site  
 33 <400> SEQUENCE: 1  
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 36 1 5  
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 40 <211> LENGTH: 15  
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 47 <223> OTHER INFORMATION: Binding site  
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 58 <212> TYPE: PRT  
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 63 <222> LOCATION: (1)..(8)  
 64 <223> OTHER INFORMATION: Binding site  
 67 <400> SEQUENCE: 3  
 69 Arg Val Pro Leu Ala Gly Ala Ala

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Input Set : A:\OMRF 114 CIP2.ST25.txt  
 Output Set: N:\CRF4\06252003\G867819D.raw

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 80 <222> LOCATION: (4)..(11)  
 81 <223> OTHER INFORMATION: Binding site  
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 86 Ala Gly Gly Pro Gly Val Gly Arg Ala Ala Gly Arg Gly Val Pro Ala  
 87 1 5 10 15  
 90 Gly  
 94 <210> SEQ ID NO: 5  
 95 <211> LENGTH: 15  
 96 <212> TYPE: PRT  
 97 <213> ORGANISM: homo sapien  
 99 <220> FEATURE:  
 100 <221> NAME/KEY: MISC\_FEATURE  
 101 <222> LOCATION: (7)..(14)  
 102 <223> OTHER INFORMATION: Binding site  
 105 <400> SEQUENCE: 5  
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 108 1 5 10 15  
 111 <210> SEQ ID NO: 6  
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 113 <212> TYPE: PRT  
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 117 <221> NAME/KEY: MISC\_FEATURE  
 118 <222> LOCATION: (3)..(10)  
 119 <223> OTHER INFORMATION: Binding site  
 122 <400> SEQUENCE: 6  
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 129 <211> LENGTH: 15  
 130 <212> TYPE: PRT  
 131 <213> ORGANISM: homo sapien  
 133 <220> FEATURE:  
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 135 <222> LOCATION: (8)..(15)  
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 141 Pro Thr Gln Tyr Pro Pro Gly Arg Gly Thr Pro Pro Pro Pro Val  
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 146 <211> LENGTH: 15  
 147 <212> TYPE: PRT

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Input Set : A:\OMRF 114 CIP2.ST25.txt  
Output Set: N:\CRF4\06252003\G867819D.raw

148 <213> ORGANISM: homo sapien  
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164 <212> TYPE: PRT  
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170 <223> OTHER INFORMATION: Binding site  
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182 <213> ORGANISM: homo sapien  
184 <220> FEATURE:  
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186 <222> LOCATION: (3)..(10)  
187 <223> OTHER INFORMATION: Binding site  
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216 <213> ORGANISM: homo sapien  
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219 <221> NAME/KEY: MISC\_FEATURE  
220 <222> LOCATION: (1)..(8)  
221 <223> OTHER INFORMATION: Binding site

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Input Set : A:\OMRF 114 CIP2.ST25.txt  
Output Set: N:\CRF4\06252003\G867819D.raw

224 <400> SEQUENCE: 12  
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227 1 5  
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237 <222> LOCATION: (1)..(8)  
238 <223> OTHER INFORMATION: Binding site  
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248 <211> LENGTH: 12  
249 <212> TYPE: PRT  
250 <213> ORGANISM: homo sapien  
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253 <221> NAME/KEY: MISC\_FEATURE  
254 <222> LOCATION: (3)..(10)  
255 <223> OTHER INFORMATION: Binding site  
258 <220> FEATURE:  
259 <221> NAME/KEY: VARIANT  
260 <222> LOCATION: (9)..(9)  
261 <223> OTHER INFORMATION: Can be R, F, G, H, I, K, S, T, V or Y  
264 <400> SEQUENCE: 14  
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267 1 5 10  
270 <210> SEQ ID NO: 15  
271 <211> LENGTH: 9  
272 <212> TYPE: PRT  
273 <213> ORGANISM: homo sapien  
275 <220> FEATURE:  
276 <221> NAME/KEY: MISC\_FEATURE  
277 <222> LOCATION: (1)..(8)  
278 <223> OTHER INFORMATION: Binding site  
281 <400> SEQUENCE: 15  
283 Thr Phe Lys Ala Phe Asp Lys His Met  
284 1 5  
287 <210> SEQ ID NO: 16  
288 <211> LENGTH: 8  
289 <212> TYPE: PRT  
290 <213> ORGANISM: homo sapien  
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294 <222> LOCATION: (1)..(8)  
295 <223> OTHER INFORMATION: Binding site  
298 <400> SEQUENCE: 16

RAW SEQUENCE LISTING  
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Input Set : A:\OMRF 114 CIP2.ST25.txt  
Output Set: N:\CRF4\06252003\G867819D.raw

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301 1 5  
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305 <211> LENGTH: 8  
306 <212> TYPE: PRT  
307 <213> ORGANISM: homo sapien  
309 <220> FEATURE:  
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311 <222> LOCATION: (1)..(8)  
312 <223> OTHER INFORMATION: Binding site  
315 <400> SEQUENCE: 17  
317 Lys Asp Thr Gly Ile Ala Arg Val  
318 1 5  
321 <210> SEQ ID NO: 18  
322 <211> LENGTH: 10  
323 <212> TYPE: PRT  
324 <213> ORGANISM: homo sapien  
326 <220> FEATURE:  
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328 <222> LOCATION: (3)..(10)  
329 <223> OTHER INFORMATION: Binding site  
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334 Ile Pro Gln Ala Pro Ala Gly Leu Ala Gly  
335 1 5 10  
338 <210> SEQ ID NO: 19  
339 <211> LENGTH: 18  
340 <212> TYPE: PRT  
341 <213> ORGANISM: homo sapien  
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345 <222> LOCATION: (4)..(16)  
346 <223> OTHER INFORMATION: Binding site  
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352 1 5 10 15  
355 Gly Ser  
359 <210> SEQ ID NO: 20  
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361 <212> TYPE: PRT  
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365 <221> NAME/KEY: MISC\_FEATURE  
366 <222> LOCATION: (8)..(15)  
367 <223> OTHER INFORMATION: Binding site  
370 <400> SEQUENCE: 20  
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373 1 5 10 15  
376 Asp Lys Phe Leu Lys  
377 20

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/07/867,819D

DATE: 06/25/2003  
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Input Set : A:\OMRF 114 CIP2.ST25.txt  
Output Set: N:\CRF4\06252003\G867819D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:14; Xaa Pos. 9  
Seq#:119; Xaa Pos. 5